

## Exhaust System Installation for Infiniti Q50 & Q60

PNs: 140703, 140977, 140977BC, 140977CFBA, 140978, 140978BC, & 140978CFBA



**\*\*\*\*\* Please compare the parts in the box with the bill of materials provided \*\*\*\*\*  
to assure that you have all the parts necessary for this installation.**

These instructions have been written to help you with the installation of your Borla Performance Exhaust System. Please read this document completely before beginning the installation of your system.

To ensure this part number fits your specific model year, please visit our website for the latest model year listings at [www.BORLA.com](http://www.BORLA.com)

Thank you for purchasing a Borla Performance Cat-Back™ Exhaust System.

Borla Performance Cat-Back™ Exhaust System PN 140703 is designed for the Infiniti Q60, equipped with a 3.0L V6 engine twin-turbocharged engine, RWD and AWD automatic transmission.

Borla Performance Cat-Back™ Exhaust System PNs 140977, 140977BC, 140977CFBA, 140978, 140978BC, and 140978CFBA are designed for the Infiniti Q50, equipped with a 3.0L V6 engine twin-turbocharged engine and RWD automatic transmission.

Borla Performance Industries recommends that an exhaust shop or professional after market parts installer, who has all the necessary equipment, tools and experienced personnel needed for proper installation, should perform the installation of this system. However, if you decide to perform the installation, we recommend someone should help you. Ensure the installer uses all under car safety precautions including eye protection.

*Please take time to read and understand the following...*

By installing your Borla Performance Exhaust System, you indicate that you have read this document and you agree with the terms stated below.

It is the responsibility of the purchaser to follow all installation instruction guidelines and safety procedures supplied with your Borla Performance Exhaust System.

Borla Performance Industries assumes no responsibility for damages occurring from misuse, abuse, improper installation, improper operation, lack of responsible care, or all previously stated reasons resulting from incompatibility with other manufacturer's products and/or systems.

Included with your Borla Performance Exhaust System is a warranty card. Please read it carefully before you begin any work on your vehicle. If you should have any questions regarding our warranty policy, installation, or any other matter pertaining to your new Borla Performance Exhaust System, please give us a call at the number provided on the warranty card.

### Minimum Required Tool List:

#### TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 15mm Deep Well Socket
4. 14mm Socket

5. 12mm Socket

6. Pry Bar

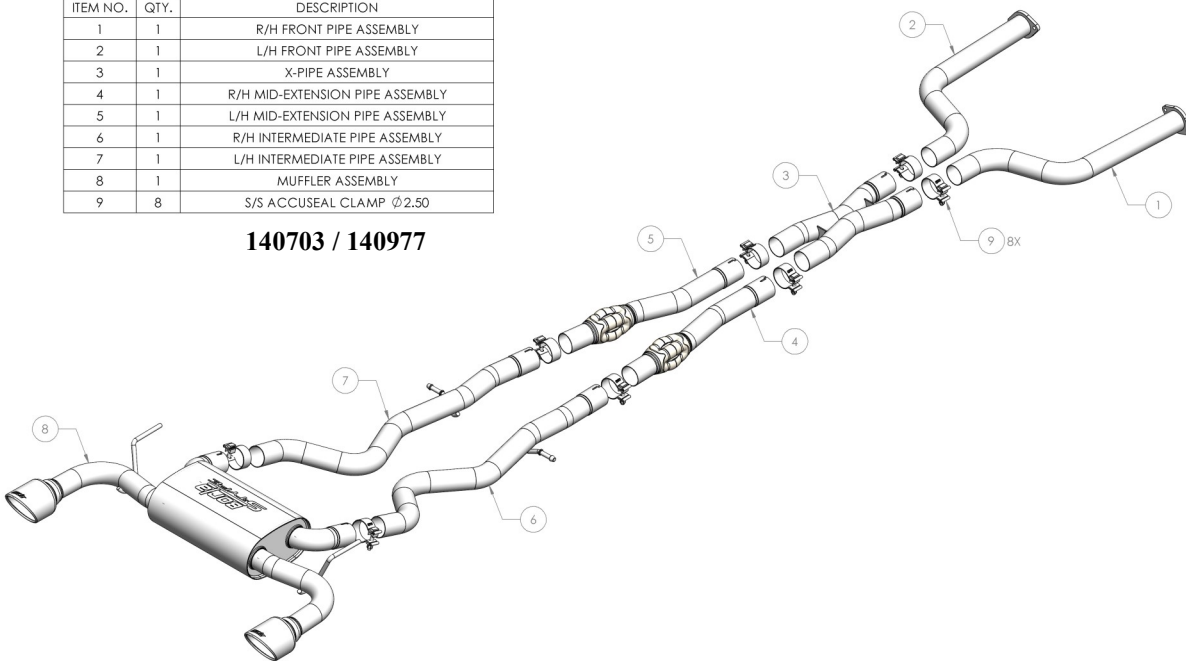
#### SHOP SUPPLIES:

- 1 Spray Lubricant

### Borla Performance - Bill of Materials

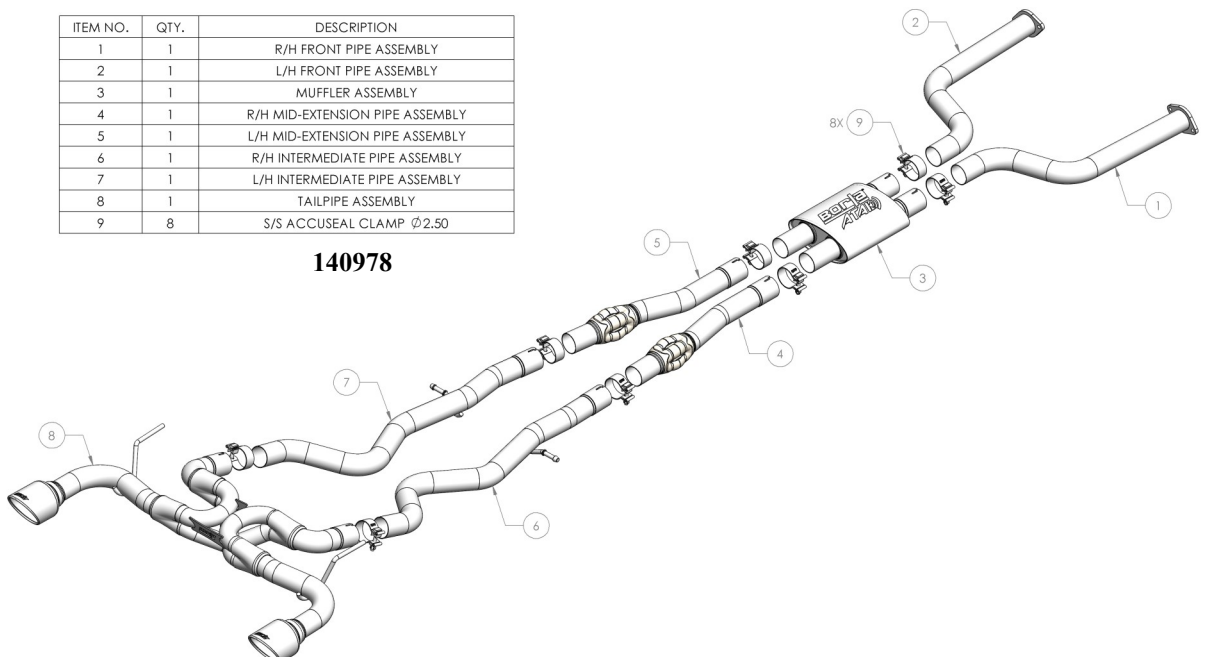
ITEM NO.	QTY.	DESCRIPTION
1	1	R/H FRONT PIPE ASSEMBLY
2	1	L/H FRONT PIPE ASSEMBLY
3	1	X-PIPE ASSEMBLY
4	1	R/H MID-EXTENSION PIPE ASSEMBLY
5	1	L/H MID-EXTENSION PIPE ASSEMBLY
6	1	R/H INTERMEDIATE PIPE ASSEMBLY
7	1	L/H INTERMEDIATE PIPE ASSEMBLY
8	1	MUFFLER ASSEMBLY
9	8	S/S ACCUSEAL CLAMP Ø2.50

**140703 / 140977**



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1	1	R/H FRONT PIPE ASSEMBLY
2	1	L/H FRONT PIPE ASSEMBLY
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4	1	R/H MID-EXTENSION PIPE ASSEMBLY
5	1	L/H MID-EXTENSION PIPE ASSEMBLY
6	1	R/H INTERMEDIATE PIPE ASSEMBLY
7	1	L/H INTERMEDIATE PIPE ASSEMBLY
8	1	TAILPIPE ASSEMBLY
9	8	S/S ACCUSEAL CLAMP Ø2.50

**140978**



**Caution!!!** *Never work on a hot exhaust system. Serious injury in the form of burns can result. If the vehicle has been in use and the exhaust system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.*

**Note:** *It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Borla Performance Exhaust System.*

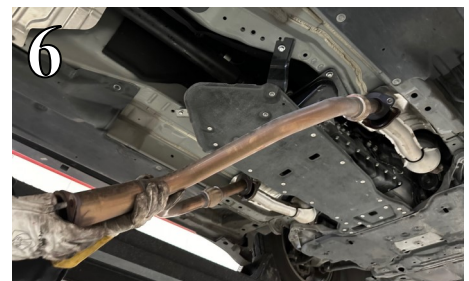
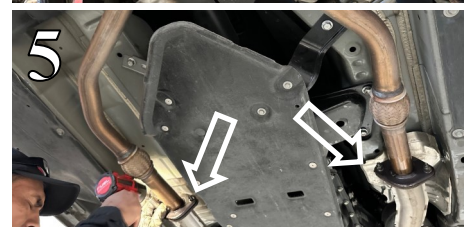
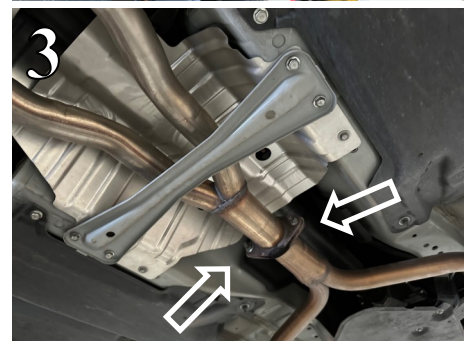
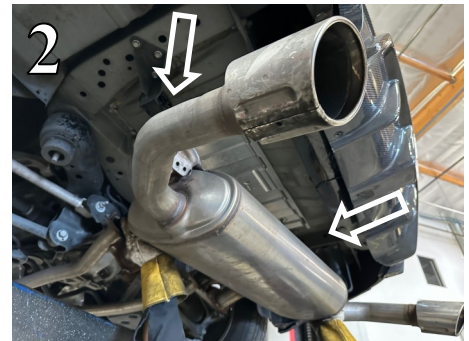
**Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.**

**Note:** *Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the previous page to assure that you have all the parts necessary for the installation of your new Borla Performance Exhaust System.*

**Note:** *With a used vehicle, we suggest a penetrating spray lubricant to be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the threads before attempting to disassemble.*

## Original Exhaust System Removal

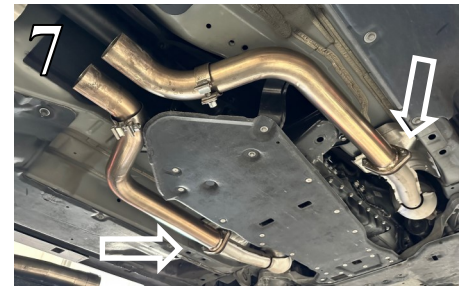
1. Lubricate all hangers, rubber isolators, bolts and nuts.
2. Loosen and remove the hardware on the rear muffler assembly flanges (Fig. 1).
3. Using a flathead screwdriver or a prybar, remove the rear muffler assembly hangers from their rubber isolators on the vehicle and remove the rear muffler assembly from the vehicle (Fig. 2).
4. Loosen and remove the hardware on the mid pipe assembly flange and remove the hangers from their rubber isolators. Remove the mid pipe assembly from the vehicle (Figs. 3-4). Note: On some models you may need to remove the under chassis brace pictured in Fig. 3.
5. Loosen and remove the hardware on the front pipe assembly flanges and remove the assembly from the vehicle (Figs. 5-6). Keep the hardware for installation of your Borla system.





## Borla Performance Cat-Back™ Exhaust System Installation

1. Orient the components on shop floor according to Borla bill of materials drawing on page 2.
2. Install **R/H Front Pipe Assembly** by mating the flange to the vehicle and slide a clamp onto the assembly. Loosely tighten the original hardware on the flange (Fig. 7).
3. Repeat Step 2 for the installation of the **L/H Front Pipe Assembly**.
4. Insert the inlets of the **X-Pipe Assembly** or **Muffler Assembly** to the **R/H** and **L/H Front Pipe Assemblies** (Fig. 8). Do not tighten the clamps.
5. Place a clamp over the expanded end of each of the **Mid-Extension Pipe Assemblies** and insert the inlet to the **X-Pipe Assembly** or **Muffler Assembly** (Fig. 9). Do not tighten the clamps.
6. Place a clamp over the expanded end of the **R/H Intermediate Pipe Assembly** and insert the inlet to the corresponding **Mid-Extension Pipe Assembly**. Insert the hanger into the original rubber isolator (Fig. 10). Do not tighten the clamp.
7. Repeat Step 6 for the installation of the **L/H Intermediate Pipe Assembly**.
8. Place a clamp over the expanded ends of the **Muffler Assembly** or **Tailpipe Assembly** and insert the inlets to the **R/H** and **L/H Intermediate Pipe Assemblies**. Insert the hangers into their original rubber isolators (Fig. 11). Do not tighten the clamps.
9. Once position has been determined to be correct, tighten the hardware on the **R/H** and **L/H Front Pipe Assemblies** and then tighten the Accuseal clamps to 32-35 ft. lbs.
10. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
11. Start the vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.



**WARNING:** Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. **DO NOT** use air impact tools to tighten fasteners on Borla Performance Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.

**NOTE:** When you first start your vehicle after the installation of your new Borla Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.